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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/903,876

DATE: 12/06/2001  
TIME: 10:59:12

Input Set : A:\37174-9.ST25.txt  
Output Set: N:\CRF3\12062001\I903876.raw

3 <110> APPLICANT: Xu, Zhang-Bao  
 4 Somers, William  
 5 Akopian, Tatos  
 6 Hsiao, Chu-Lai  
 7 Unwalla, Rayomond  
 9 <120> TITLE OF INVENTION: CRYSTAL STRUCTURE OF ESTROGEN RECEPTOR-B COMPLEX  
 10 AND USES THEREOF  
 12 <130> FILE REFERENCE: 37174/9  
 14 <140> CURRENT APPLICATION NUMBER: US 09/903,876  
 16 <141> CURRENT FILING DATE: 2001-07-11  
 18 <150> PRIOR APPLICATION NUMBER: US 60/217,834  
 20 <151> PRIOR FILING DATE: 2000-07-12  
 22 <160> NUMBER OF SEQ ID NOS: 2  
 24 <170> SOFTWARE: PatentIn version 3.0  
 27 <210> SEQ ID NO: 1  
 29 <211> LENGTH: 243  
 31 <212> TYPE: PRT  
 33 <213> ORGANISM: Homo sapiens  
 35 <400> SEQUENCE: 1  
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 41 20 25 30  
 43 Glu Ala Ser Met Met Gly Leu Leu Thr Asn Leu Ala Asp Arg Glu Leu  
 44 35 40 45  
 46 Val His Met Ile Asn Trp Ala Lys Arg Val Pro Gly Phe Val Asp Leu  
 47 50 55 60  
 49 Thr Leu His Asp Gln Val His Leu Leu Glu Cys Ala Trp Leu Glu Ile  
 50 65 70 75 80  
 52 Leu Met Ile Gly Leu Val Trp Arg Ser Met Glu His Pro Val Lys Leu  
 53 85 90 95  
 55 Leu Phe Ala Pro Asn Leu Leu Asp Arg Asn Gln Gly Lys Cys Val  
 56 100 105 110  
 58 Glu Gly Met Val Glu Ile Phe Asp Met Leu Leu Ala Thr Ser Ser Arg  
 59 115 120 125  
 61 Phe Arg Met Met Asn Leu Gln Gly Glu Glu Phe Val Cys Leu Lys Ser  
 62 130 135 140  
 64 Ile Ile Leu Leu Asn Ser Gly Val Tyr Thr Phe Leu Ser Ser Thr Leu  
 65 145 150 155 160  
 67 Lys Ser Leu Glu Glu Lys Asp His Ile His Arg Val Leu Asp Lys Ile  
 68 165 170 175  
 70 Thr Asp Thr Leu Ile His Leu Met Ala Lys Ala Gly Leu Thr Leu Gln  
 71 180 185 190  
 73 Gln Gln His Gln Arg Leu Ala Gln Leu Leu Leu Ile Leu Ser His Ile  
 74 195 200 205  
 76 Arg His Met Ser Asn Lys Gly Met Glu His Leu Tyr Ser Met Lys Cys  
 77 210 215 220

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87 <211> LENGTH: 239  
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91 <213> ORGANISM: Homo sapiens  
93 <400> SEQUENCE: 2  
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99 20 25 30  
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102 35 40 45  
104 His Met Ile Ser Trp Ala Lys Lys Ile Pro Gly Phe Val Glu Leu Ser  
105 50 55 60  
107 Leu Phe Asp Gln Val Arg Leu Leu Glu Ser Cys Trp Met Glu Val Leu  
108 65 70 75 80  
110 Met Met Gly Leu Met Trp Arg Ser Ile Asp His Pro Gly Lys Leu Ile  
111 85 90 95  
113 Phe Ala Pro Asp Leu Val Leu Asp Arg Asp Glu Gly Lys Cys Val Glu  
114 100 105 110  
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117 115 120 125  
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123 145 150 155 160  
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126 165 170 175  
128 Leu Val Trp Val Ile Ala Lys Ser Gly Ile Ser Ser Gln Gln Gln Ser  
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131 Met Arg Leu Ala Asn Leu Leu Met Leu Ser His Val Arg His Ala Ser  
132 195 200 205  
134 Asn Lys Gly Met Glu His Leu Leu Asn Met Lys Cys Lys Asn Val Val  
135 210 215 220  
137 Pro Val Tyr Asp Leu Leu Leu Glu Met Leu Asn Ala His Val Leu  
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VERIFICATION SUMMARY  
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